LISTING OF THE CLAIMS:

This Listing of Claims replaces all prior listings of claims in this patent application.

1-38. (Canceled)

39. (Currently amended) Method of configuring a blood component collection instrument comprising the steps of:

collecting a biological characteristic of a donor;

calculating a nomogram by utilizing the biological characteristic of the donor;

transmitting the nomogram to a blood component collection instrument;

selecting a blood component collection application in response to the nomogram, the blood component collection application defining at least a portion of a blood component collection process;

scanning an identification code associated with the blood component collection kit;

determining from the scanned identification code whether ~~that~~ a blood component collection kit is compatible with the selected blood component collection application; and,

loading the selected blood component collection application wherein the blood component collection instrument is configured for the blood component collection

process involving the donor.

40. (Previously presented) The method of Claim 39 further comprising the steps of:

providing a memory being capable of storing a plurality of blood component collection applications; and,

providing a server for running the blood component collection process, the server being operably connected to the blood component collection instrument and the memory.

41. (Previously presented) The method of Claim 40 further comprising the step of:

providing a management interface for transmitting the nomogram to the system server; and

determining if an operator of the blood component collection instrument is qualified for the selected blood component collection application.

42. (Previously presented) The method of Claim 40 further comprising the steps of:

providing an identifier for the donor;

associating the nomogram with the donor identifier; and,

storing the nomogram in the memory.

43. (Currently amended) A method of configuring a blood component collection instrument comprising the steps of:

providing a blood component collection application defining at least a portion of a blood component collection process;

providing a memory being capable of storing a plurality of blood component collection applications;

collecting a biological characteristic of a donor;

calculating a nomogram by utilizing the biological characteristic of the donor, the donor having an identifier;

associating the nomogram with the donor identifier;

storing the donor identifier in the memory;

transmitting the donor identifier to the blood component collection instrument;

retrieving the nomogram associated with the donor identifier;

selecting a blood component collection application in response to the nomogram;

loading the selected blood component collection application;

<u>scanning an identification code associated with the</u>

blood component collection kit;

determining from the scanned identification code whether ~~that~~ a blood component collection kit is compatible with the selected blood component collection application; and

providing a server for running the blood component collection process, the server being operably connected to the blood component collection instrument and the memory.

44. (Previously presented) The method of Claim 43 further comprising the step of:

providing a management interface for transmitting the nomogram to the system server; and

determining if an operator of the blood component collection instrument is qualified for the selected blood component collection application.

45. (Currently amended) A system for configuring a blood component collection instrument, the blood component collection instrument being operably connected in a blood component collection facility for collecting a blood component from a donor, the system comprising:

a nomogram calculated from at least one biological characteristic of a donor;

a blood component collection application defining at least a portion of a blood component collection process;

~~said system determining that~~ a blood component collection kit with an identification code, said identification code used to determine if the blood component collection kit is compatible with the selected blood component collection application;

a system server being operably connected to the blood component collection instrument, the system server running the blood component application, the blood component collection application being selected in response to the nomogram wherein the blood component collection instrument is configured for the blood component collection process from the donor; and

a memory being operably connected to the system server, the memory for storing the blood component collection application.

46. (Previously presented) The system of Claim 45 further comprising:

a reader for entering the nomogram, the reader being operably connected to the system server wherein the nomogram is associated with the donor.

47. (Currently amended) A medium readable by a programmable device, the medium for use in a system having an operating interface for managing a blood component collection facility comprising a blood component collection instrument and a system server, the system server having a memory and being operably connected to the blood component collection instrument, the blood component collection instrument being capable of self-configuring the blood component collection instrument in response to a nomogram received by the system server, the nomogram being calculated in response to a biological characteristic of an identified donor, the medium comprising:

a first segment for receiving the nomogram;

a second segment for selecting a blood component collection application in response to the nomogram;

a third segment for loading the blood component;

a fourth segment for determining <u>if a scanned identification code associated with</u> ~~that~~ a blood component collection kit is compatible with the selected blood component collection application; and,

a fifth segment for configuring the blood component collection instrument in response to the blood component collection application, the configured blood component collection instrument being ready for blood component

collection from the donor.